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DIVISIONAL REISSUE APPLICATION BY THE INVENTOR, OFFER TO SURRENDER PATENT		Docket Number (Optional) MAT-3720US3
<p>This is part of the application for a reissue patent based on the original patent identified below.</p>		
Name of Patentee(s) Ryoichi Imanaka		
Patent Number 5,790,172	Date Patent Issued August 4, 1998	
Title of invention SERVER APPARATUS, SUBSCRIBER APPARATUS AND INFORMATION ON DEMAND SYSTEM		
<p>I am the inventor of the original patent.</p> <p>I offer to surrender the original patent.</p> <p>1. <input checked="" type="checkbox"/> Filed herein is a certificate under 37 CFR 3.73(b).</p> <p>2. <input type="checkbox"/> Ownership of the patent is in the inventor(s), and no assignment of the patent has been made.</p> <p>One of boxes 1 or 2 above must be checked.</p> <p>The written consent of all assignees owning an undivided interest in the original patent is included in this application for reissue.</p>		
Signature		Date
Typed or printed name Ryoichi Imanaka		
The assignee owning an undivided interest in said original patent is <u>Matsushita Electric Industrial Co., Ltd.</u> , and the assignee consents to the accompanying application for reissue.		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application, any patent issued thereon, or any patent to which this declaration is directed.		
Name of assignee Matsushita Electric Industrial Co., Ltd.		
Signature of person signing for assignee		Date
Typed or printed name and title of person signing for assignee Dr. Osamu Yamazaki Director		

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: R. Imanaka : Art Unit:
Serial No.: To Be Assigned : Examiner:
Filed: Herewith
FOR: SERVER APPARATUS,
SUBSCRIBER APPARATUS AND
INFORMATION ON DEMAND SYSTEM

CERTIFICATE UNDER 37 CFR 3.73 (b)

Assistant Commissioner for Patents
Washington, D.C. 20231

S I R :

Matsushita Electric Industrial Co., Ltd., a Japanese Corporation certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventor of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 7692, Frame 0439, for which a copy thereof is attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by

[illegible]

Signature : _____



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

MARCH 08, 1996

JAMES C. SIMMONS
RATNER & PRESTIA
P.O. BOX 980
500 N. GULPH ROAD
VALLEY FORGE, PA 19482

RECEIVED

MAR 11 1996

RATNER & PRESTIA



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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/13/1995

REEL/FRAME: 7692/0439
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
IMANAKA, RYOICHI

DOC DATE: 09/26/1995

ASSIGNEE:
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
1006 OAZA KADOMA, KADOMA-SHI
OSAKA, JAPAN 571

SERIAL NUMBER: 08503604
PATENT NUMBER:

FILING DATE: 07/18/1995
ISSUE DATE:

JOANN STEWART, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

MAT-3600

No legalization required

ASSIGNMENT

WHEREAS, the ASSIGNOR, comprising the following named inventor(s)

Inventor(s)

ASSIGNOR(s)/
INVENTOR(s) 1. Ryoichi Imanaka

TITLE

has made an invention entitled:

SERVER APPARATUS, SUBSCRIBER APPARATUS AND
INFORMATION ON DEMAND SYSTEM

and has executed an application for Letters Patent of
the United States concurrently herewith;

WHEREAS, the ASSIGNEE

ASSIGNEE
(Full Name
and address)

Matsushita Electric Industrial Co., Ltd.
1006, Oaza Kadoma, Kadoma-shi, Osaka, 571 Japan

is desirous of acquiring the entire interest in and to
said invention and the Letters Patent to be obtained
therefor,

NOW, THEREFORE, in consideration of the
payment by ASSIGNEE to ASSIGNOR of a sum corresponding
to One Dollar (\$1.00), and for other good and valuable
consideration, the receipt of which is hereby
acknowledged, ASSIGNOR, intending to be legally bound,
hereby sells, assigns and transfers to ASSIGNEE, its
successors and assigns the full and exclusive right,
title and interest in and to said invention, all
applications for Letters Patent for said invention,
including all divisions and continuations thereof, all
rights to claim priority based thereon, and all Letters
Patent, including reissues, to be obtained therefor,
including any and all foreign patent rights in this
invention corresponding thereto.

ASSIGNOR hereby warrants that no assignment,
sale, agreement or encumbrance has been or will be made
or entered into which would conflict with this
Assignment.

ASSIGNOR agrees it shall be legally bound, upon request of the ASSIGNEE or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the ASSIGNOR has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the ASSIGNEE, and to execute all instruments proper to carry out the intent of this instrument.

If the invention requires a biological deposit, ASSIGNOR also grants to ASSIGNEE such control over any deposit made by ASSIGNOR as may be necessary to the validity of the patent rights assigned herein.

ASSIGNOR authorizes ASSIGNOR's attorney to insert at the end hereof the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney docket or file designation for this application.

If the ASSIGNOR includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

IN WITNESS WHEREOF, this Assignment is executed on the day indicated below.

(Typed or Printed Name)	(Signature)	(Date)
1. Ryoichi Imanaka	<u>Ryoichi Imanaka</u>	Sept. 26, 1995

SIGNATURE

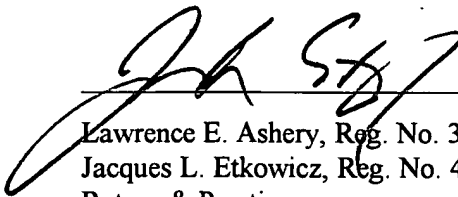
Application for United States Letters Patent
Serial No. 08/503,604 Filed July 18, 1995,
Attorney Docket No. MAT-3720.

**REQUEST FOR TRANSFER OF DRAWINGS FROM ORIGINAL PATENT
TO REISSUE APPLICATION**

Please transfer the drawings from original patent, 5,790,172, filed on July 18, 1995, for the invention entitled SERVER APPARATUS, SUBSCRIBER APPARATUS AND INFORMATION ON DEMAND SYSTEM to the reissue application, the specification of which is attached hereto.

Date:

8/3/02



Lawrence E. Ashery, Reg. No. 34,515
Jacques L. Etkowicz, Reg. No. 41,738
Ratner & Prestia
P.O. Box 980
Valley Forge, PA 19482

00631542.000300

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DIVISIONAL

REISSUE APPLICATION DECLARATION BY THE INVENTOR

Docket Number (Optional)

MAT-3720US3

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed

in patent number 5,790,172, granted August 4, 1998, and for which a reissue patent is sought on the invention entitled SERVER APPARATUS, SUBSCRIBER APPARATUS AND

INFORMATION ON DEMAND SYSTEM

the specification of which

☒ is attached hereto.

☐ was filed on _____ as reissue application number ____ / _____
and was amended on _____
(If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

- ☐ by reason of a defective specification or drawing.
- ☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.
- ☐ by reason of other errors.

At least one error upon which reissue is based is described as follows:

During the prosecution of the application that issued as the above patent, I did not recognize that the features disclosed at column 2, lines 53-63 and column 7, lines 20-35 were appropriate to claim. As such, I did not claim all that I had a right to claim. This error was made without deceptive intent.

[Page 1 of 2]

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DIVISIONAL

(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Docket Number (Optional)

MAT-3720US3

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Name(s)

Registration Number

Lawrence E. Ashery

34,515

Jacques L. Etkowicz

41,738

Correspondence Address: Direct all communications about the application to:

☐

Customer Number

OR

Type Customer Number here

Place Customer Number Bar
Code Label here

☒

Firm or

Individual Name

Ratner & Prestia

Address

P.O. Box 980

Address

City

Valley Forge

State

PA

ZIP

19482

Country

United States

Telephone

610-407-0700

Fax

610-407-0701

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of sole or first inventor (given name, family name)

Ryoichi Imanaka

Inventor's signature

Residence

Hirakata, Japan

Date

Post Office Address 3-2-6, Kuzuha Misaki, Hirakata-shi, Osaka 573,
Japan

Citizenship

Japanese

Full name of second joint inventor (given name, family name)

Inventor's signature

Date

Residence

Citizenship

Post Office Address

Full name of third joint inventor (given name, family name)

Inventor's signature

Date

Residence

Citizenship

Post Office Address

☐

Additional joint inventors are named on separately numbered sheets attached hereto.

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DIVISIONAL REISSUE APPLICATION DECLARATION BY THE ASSIGNEE		Docket Number (optional) MAT-3720US3
I hereby declare that: My residence and post office address and citizenship are stated below next to my name. I am authorized to act on behalf of the following assignee: <u>Matsushita Electric Industrial Co., Ltd.</u> and the title of my position with said assignee is: _____ The entire title to the patent identified below is vested in said assignee.		
Name of Patentee(s): Ryoichi Imanaka		
Patent Number 5,790,172	Date of Patent Issued August 4, 1998	
Title of Invention SERVER APPARATUS, SUBSCRIBER APPARATUS AND INFORMATION ON DEMAND SYSTEM		
I believe said patentee(s) to be the original, first and sole/joint inventor(s) of the subject matter which is described and claimed in said patent, for which a reissue patent is sought on the invention entitled _____ <u>SERVER APPARATUS, SUBSCRIBER APPARATUS AND INFORMATION ON DEMAND SYSTEM</u> the specification of which <input checked="" type="checkbox"/> is attached hereto. <input type="checkbox"/> was filed on _____ as reissue application number _____ and was amended on _____ (If applicable) I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56. I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.) <input type="checkbox"/> by reason of a defective specification or drawing. <input checked="" type="checkbox"/> by reason of the patentee claiming more or less than he had the right to claim in the patent. <input type="checkbox"/> by reason of other errors. At least one error upon which reissue is based is described as follows: During the prosecution of the application that issued as the above patent, the inventor, Ryoichi Imanaka, did not recognize that the features disclosed at column 2, lines 53-63 and column 7, lines 20-35 were appropriate to claim. As such, Mr. Imanaka did not claim all that he had a right to claim. This error was made without deceptive intent. [Attach additional sheets, if needed.] All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.		

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Divisional (REISSUE APPLICATION DECLARATION BY THE ASSIGNEE, page 2)		Docket Number (Optional) MAT-3720US3	
I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.			
Name(s)		Registration Number	
Lawrence E. Ashery		34,515	
Jacques L. Etkowicz		41,738	
Correspondence Address: Direct all communications about the application to:			
<input type="checkbox"/> Customer Number		<div style="border: 1px solid black; width: 150px; height: 40px; margin: 0 auto;"></div> → <div style="border: 1px solid black; padding: 5px; width: 150px; margin: 0 auto; text-align: center;"> Place Customer Number Bar Code Label Here </div>	
OR <input checked="" type="checkbox"/> Firm or Individual Name		Type Customer Number Here	
<input checked="" type="checkbox"/> Firm or Individual Name		Ratner & Prestia	
Address		P.O. Box 980	
Address			
City	Valley Forge	State	PA Zip 19482
Country			
Telephone	(610) 407-0700	Fax	(610) 407-0701
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1 001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.			
Full name of person signing (given name, family name) Dr. Osamu Yamazaki, Director			
Signature		Date	
Address of Assignee 1006, Oaza Kadoma, , Kadoma-shi Osaka 571 Japan			
Patentee Ryoichi Imanaka		Citizenship Japanese	
Residence/Post Office Address Residence: Hirakata Japan Post Office Address: 3-2-6, Kuzuha Misaki, Hirakata-shi, Osaka 573 Japan			
Patentee		Citizenship	
Residence/Post Office Address			

+

Approved for use through 9/30/98. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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DIVISIONAL REISSUE APPLICATION BY THE ASSIGNEE, OFFER TO SURRENDER PATENT		Docket Number (Optional) MAT-3720US3
<p>This is part of the application for a reissue patent based on the original patent identified below.</p>		
Name of Patentee(s): Ryoichi Imanaka		
Patent Number 5,790,172	Date Patent Issued August 4, 1998	
Title of Invention SERVER APPARATUS, SUBSCRIBER APPARATUS AND INFORMATION ON DEMAND SYSTEM		
<p><u>Matsushita Electric Industrial Co., Ltd.</u> is the assignee of the entire interest in the original patent.</p> <p>I offer to surrender the original patent.</p> <p><input checked="" type="checkbox"/> A certificate under 37 CFR 3.73(b) is attached.</p> <p>I am authorized to act on behalf of the assignee.</p>		
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application, any patent issued thereon, or any patent to which this declaration is directed.</p>		
Name of assignee Matsushita Electric Industrial Co., Ltd.		
Signature of person signing for assignee		Date
Typed or printed name and title of person signing for assignee Dr. Osamu Yamazaki Director		

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

ASSENT BY ASSIGNEE FOR FILING OF REISSUE APPLICATION (DIVISIONAL)

This is part of the application for a reissue patent filed herewith based on the original patent identified as follows:

Name of Patentee: Matsushita Electric Industrial Co., Ltd.

Patent Number: 5,790,172

Date Patent Issued: 08/04/1998

Title of Invention: SERVER APPARATUS, SUBSCRIBER APPARATUS AND INFORMATION ON DEMAND SYSTEM

I am an assignee owning an undivided interest to the above original patent.

I assent to the accompanying application for reissue.

Attached is a "Certificate under 37 C.F.R. section 3.73(b)"

Matsushita Electric Industrial Co., Ltd.

Signature of person signing for assignee

Date: _____

Dr. Osamu Yamazaki
Director